

Product datasheet for **RG237944**

SLC35C2 (NM_001281458) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC35C2 (NM_001281458) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	SLC35C2
Synonyms:	BA394O2.1; C20orf5; CGI-15; OVCOV1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG237944 representing NM_001281458. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTGTAAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGAAGGGTCAGCACCAGCCACCAGCCCTTAGAGGGGTGCCTGCCCCGCTGACTCAGGAGCTCCG
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GGGCAGCAG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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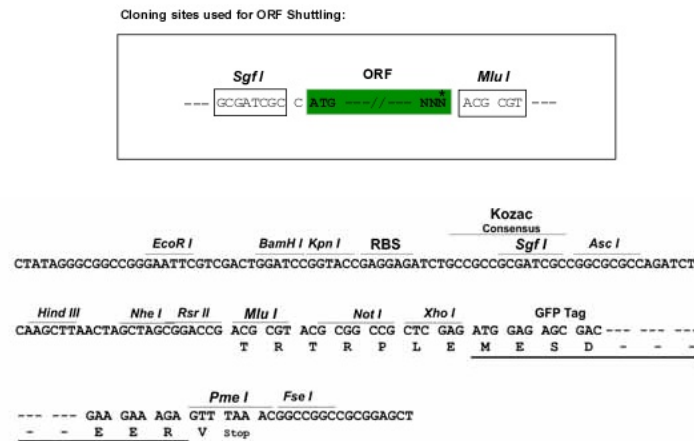
[View online »](#)

Protein Sequence: >Peptide sequence encoded by RG237944
 Blue=ORF Red=Cloning site Green=Tag(s)

MGRVSTSHQPLRGVPAPADSGAPVLQPPRMGRWALDVAFLWKAVLTLGLVLLYYCFSIGITFYNKWLTK
 SFHFPLFMTMLHLAVIFLFSALSRALVQCSSHRARVVLWADYLRRVAPTALATALDVGLSNWSFLYVT
 VSLYMTKSSAVLFILIFSLIFKLEELRAALVLVLLIAGGLFMFTYKSTQFNVEGFALVLGASFIGGI
 RWTLTQMLLQKAEGLQNPIDTMFHLQPLMFLGLFPLFAVFEGLHLSTSEKIFRFQDTGLLLRVLGSLF
 LGGILAFGLGFSEFLLVSRSSLTSLIAGIFKEVCTLLLAHLLGDQISLLNWLGFALCLSGISLHVAL
 KALHSRGDGGPKALKGLGSSPDLELLLRSRQREEDNEEEEFVAQGQQ
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPYSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001281458

ORF Size: 1182 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

RefSeq: [NM_001281458.1](#), [NP_001268387.1](#)

RefSeq Size: 2193 bp

RefSeq ORF: 1185 bp
 Locus ID: 51006
 UniProt ID: [Q9NQQ7](#)

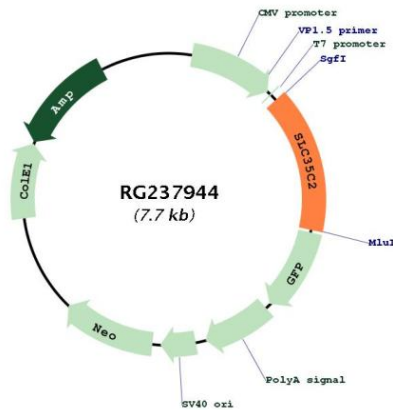
Cytogenetics: 20q13.12

Protein Families: Druggable Genome, Transmembrane

MW: 43.8 kDa

Gene Summary: This gene encodes a member of the triose-phosphate transporter protein family. This gene is regulated by oxygen tension, is induced in hypoxic trophoblast cells, and is overexpressed in ovarian cancer. Alternative splicing results in multiple transcript variants. A pseudogene of this gene has been defined on the X chromosome. [provided by RefSeq, Jul 2013]

Product images:



Circular map for RG237944